

Converting Colors

Hex(2B2103)

Have a look what the booklet for
Hex(2B2103) contains.

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Color

Hex(2B2103)

Conversions

Conversions Part 1

Format	Color
Hex	2B2103
RGB	43, 33, 3
RGB Percent	17%, 13%, 1%
CMY	0.8314, 0.8706, 0.9882
CMYK	0.00, 0.23, 0.93, 0.83
HSL	45°, 87%, 9%
HSV	45°, 93%, 17%
XYZ	1.5566, 1.6079, 0.3145
YIQ	32.5700, 15.5900, -7.2100

Conversions

Conversions Part 2

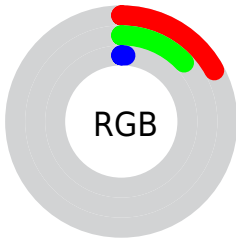
Format	Color
RYB	16, 43, 3
Decimal	2826499
CIELab	13.28, 0.77, 18.40
CIELCh	13, 18.412, 87.589
Yxy	1.6079, 0.4474, 0.4622
Android (android.graphics.Color)	4281016579 (0xFF2B2103)
YUV	32.5700, -14.5780, 9.1471
Hunter-Lab	12.6802, -0.2787, 7.4058

Details

The Hex color **2B2103** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **030D2B**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **594D31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B2000**, and if you desaturate by 10%, it is **2B2207**.

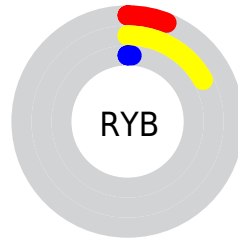
Distribution



Red (17%)

Green (13%)

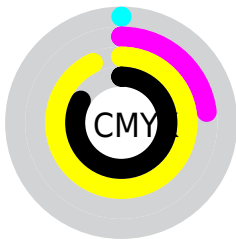
Blue (1%)



Red (6%)

Yellow (17%)

Blue (1%)

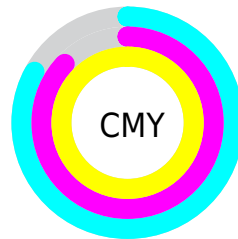


Cyan (0%)

Magenta (23%)

Yellow (93%)

Black (83%)



Cyan (83%)

Magenta (87%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B2103 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2B2103 by changing the saturation by 10% instead.

 2B2103

 2B2103

 FFFFE5

 120B00

 594D31

 000000

 726548

 8C7E60

 A79879

 C3B292

 DFCEAD

 FCEAC9

 2B2103

 2B2103

■ 2B2000

■ 2B2207

■ 2B230C

■ 2B2410

■ 2B2514

■ 2B2619

■ 2B271D

■ 2B2921

■ 2B2A25

■ 2B2B2A

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



341C0B



2B2103



1E2507

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2B2103



00282E



311A30

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2B2103



030D2B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



211F39



2B2103



002737

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2B2103



002821



06243C



391724

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2B2103



142710



06243C



2D1C33

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2B2103



383428



2B030D



1C1A13



9C9C9C



1C1C1C

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2B2103



382A00



212B03



141412



543F00



D49F00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



030D2B



000E38



0D032B



121314



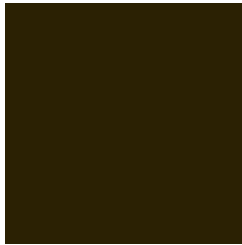
001554



0035D4

Previews

White Background



This preview shows how the Hex color 2B2103 looks on a white background.

Color Contrast Check

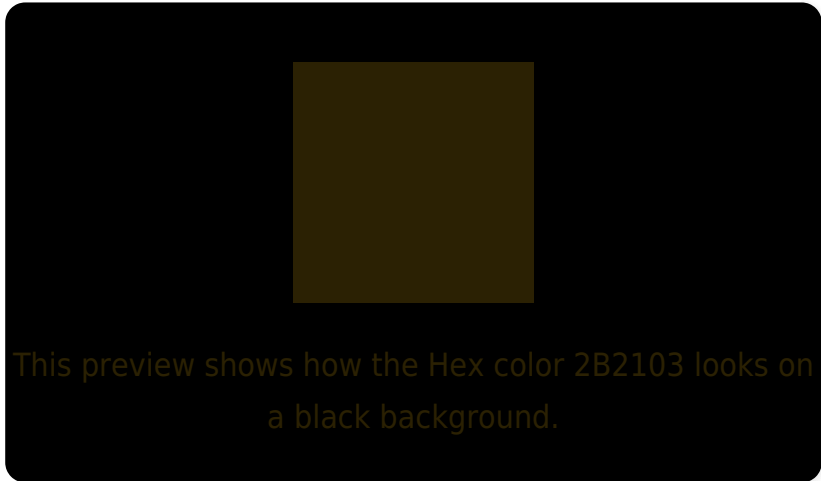
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

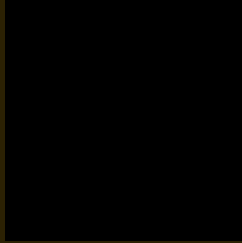
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2B2103 Background



This preview shows how black text looks on a background with the Hex color 2B2103.

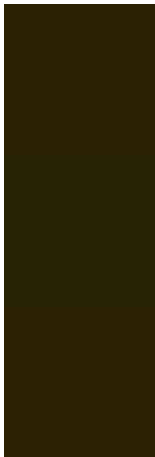


This preview shows how white text looks on a background with the Hex color 2B2103.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
2B2103

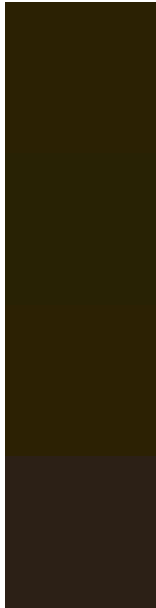
Protanopia
272304

Deuteranopia
2C2103



Tritanopia
2D1F21

Trichromacy



Original Color
2B2103

Protanomaly
282204

Deuteranomaly
2C2103

Tritanomaly
2C2016

Monochromacy



Original Color
2B2103

Achromatopsia
212121

Achromatomaly
252116

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B2103 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2B2103 looks like.

```
.text, #text, p{  
    color:#2B2103  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2B2103 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2103  
}
```

Border

The CSS property to change the border of an element to Hex 2B2103 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

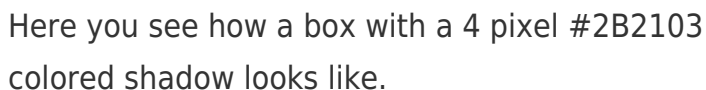
```
.border, #border, table{ border:4px solid  
#2B2103 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2B2103 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #2B2103 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2103; -webkit-box-shadow:4px 4px  
4px 4px #2B2103; box-shadow:4px 4px 4px  
4px #2B2103 }
```

Background

The CSS property to change the background color of an element to Hex 2B2103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2103 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2B2103 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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